

Use & Care

17.25 kW 2x240 Volt Point-of-Use Electric Water Heater

Model Number AE-115

Use

For heating water without a holding tank for continuous hot water.

Care

Draining the heater

Due to the shape of the heat exchangers and connecting pipe, it is extremely difficult to get all of the water out of the heater. Follow the procedure below to best minimize the chance of freezing:

1. Disconnect electric supply.
2. Disconnect cold and hot water pipes from fittings on bottom of heater. Allow water to drain out (have a catch basin ready). After allowing all water to drain out, the heater should be blown out with low pressure compressed air to remove as much water as possible from water heater modules. Bursts of air work better than continuous flow.

Remember, these suggestions are only made to help minimize the potential for freeze damage and are not to be construed as the guaranteed method for dealing with freeze possibilities.

3. Check inlet water filter screen once a year.
4. Check that the power is switched off at the circuit breaker panel.
5. Shut off the installer supplied cold water isolation valve to the heater. If one is not installed, install before proceeding.
6. Open nearest hot water tap to relieve pressure in the plumbing lines. Position a bucket under the cold water inlet connection of the heater to catch any water that may drain.
7. Disconnect the cold water plumbing connection from the inlet (bottom right of heater) to access filter screen. Remove filter, clean with water and inspect for damage. If the filter is at all damaged, it should be replaced. Replace the filter into the inlet housing DO NOT leave the filter out.
8. DO NOT remove the flow regulator (located behind the filter).
9. DO NOT clear the filter by back flushing. NEVER use an air line to blow out the heater (the flow transducer will be permanently damaged).
10. Before switching power back on, open all hot water taps and inspect each tap to ensure all air in the lines has been purged out. With the air purged and taps still flowing, turn on all circuit breakers supplying the water heater.
11. Close all hot water taps and proceed for normal operation.